

The Regional Medical Library At 30!

by **Robert Bellanti, Associate Director**
PSRMLS (1979-1982)

ARIZONA

CALIFORNIA

HAWAII

NEVADA

PACIFIC BASIN

When Beryl asked me to provide my perspective on the regional medical library as part of its thirtieth anniversary celebration, my first thought was "Thirty? How can that be?" It's amazing to realize that the RML program has endured through all the ups and downs of government funding and changing priorities. But then, why not? The RML program has always been close to its users, leading the way and assisting in the development and growth of health sciences libraries in all kinds of health care institutions. This close connection to users has provided the RML with the vitality needed to deal with and adapt to all the changes that have taken place over the last thirty years.

I've not worked in health sciences libraries for many years (more than I care to count) so when I think back to my tenure with PSRMLS, first as head of the Interlibrary Loan Division and then as Associate Director, I am looking back to an environment that

I've moved far away from. Just thinking about the issues we dealt with when I worked for PSRMLS makes me realize how much has changed. Subsidized ILL, a brand new system developed by NLM called DOCLINE, MEDLINE training classes that lasted one week, printed union lists, online centers (what library isn't an online center today?) and more.... It was all very exciting and challenging, working for a cutting edge program that really was (and continues to be) a model of partnership and cooperation among libraries spread across a wide region. It worked then and it works now. I believe PSRML has endured because it fills real needs working in collaboration with a large network of dedicated information and health care professionals. Combined with a staff that is extraordinarily conscious of its service mission, the RML has been at the forefront of health sciences librarianship, facilitating change and providing leadership for one of the

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Latitudes

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*If you are a network member and have email
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**In Memory
Louise M. Darling**

We are very sorry to announce that Louise M. Darling died March 21, 1999, after a long struggle with congestive heart failure. Ms. Darling founded our library in 1947 and served as the first director of the Regional Medical Library when the contract was awarded to UCLA in 1969. To those of us lucky enough to have known her and worked with her, she was a true inspiration, and was able to convey her very strong vision of health sciences librarianship on a daily basis. The library was named for her in 1978, after her retirement. Ms. Darling was an active member of the Medical Library Association; she served as President, was elected as a Fellow of MLA, and was a Distinguished Member of the Academy of Health Information Professionals. The Louise Darling Medal for Distinguished Achievement in Collection Development in the Health Sciences was established in her honor. A memorial service will be held at UCLA on May 2, 1999, to celebrate Ms. Darling's life and contributions. Contributions in her memory can be made to the Louise Darling Biomedical Library Fund. Please contact our office for more information.



(RML at 30 continued from page 1)

most successful library networks in the country.

The RML services reach to the corners of a very far-flung region, but it's impossible for me not to associate it with its home base, UCLA's Biomedical Library. I first came to Biomed in 1973, as an intern in the last year of the federally funded post-graduate training program in medical librarianship. Biomed was humming with activity and excitement—at that time it seemed like the most creative ideas were coming out of medical libraries and Biomed was leading the way. Tucked away on the sixth floor was the RML headquarters, connected to the rest of the library by a very creaky staff elevator. Compared to the buzz of activity and movement in other areas, the sixth floor seemed to me to be positively 'corporate'—quiet and sleek. Little did I know just how enterprising it really was, but I soon learned. Connected to the RML, way down in the basement, was one of the most dynamic enterprises I've ever worked for, Biomed's ILL Division. Cramped, dark and with the constant noise of copy machines and the TWX in the background—the antithesis of the staff area on the sixth floor—this small department was the hub of the region's ILL network. Over 60,000 ILL requests per year funneled through this single unit—a

remarkable accomplishment. That, coupled with PSRMLS' programs in training and consulting, including those marathon one-week MEDLINE classes, really added a dimension and luster to Biomed that one simply did not find in other libraries. While everyone had a job to focus on, the connection and responsibility of the Library to the region was never forgotten. Working at Biomed meant that your thinking encompassed the needs of the region as well as the needs of your local users. For me, it was a lesson well learned.

Just as I cannot think of the RML without thinking of the Biomedical Library, I also cannot think of it without remembering the people who gave life to its programs. Nelson Gilman and Phyllis Mirsky have mentioned a number of them in their reminiscences and my list includes many of the same folks. In addition, there are many whose names I have forgotten, but who provided me with a keen sense of how things worked 'in the field'. Hospital librarians from across the region who participated in various RML programs always provided the leavening needed to take ideas emanating from the RML program and from NLM and make them work in their setting. I learned just as much from them as I did from my colleagues at the RML's academic home base. I was

privileged to travel throughout the region to visit many hospital libraries where I observed first-hand how information services were delivered one-on-one to health professionals. This constant flow of ideas to and from the hospital libraries was what made working for PSRMLS so exciting and challenging. And, as I write this today having just learned of the passing of Louise Darling, I cannot help but think of her towering presence over it all. The Biomedical Library and PSRMLS are forever linked in my mind and heart with Louise. Her foresight and vision created and sustained both enterprises and we all owe her great thanks for this wonderful legacy. Because of Louise Darling I was privileged to become part of the Biomed and the RML family and it is a time I will never forget. I wish PSRML all the best on its 30th anniversary and I hope it continues to flourish over the next thirty years.

Editor's note: Robert Bellanti is currently head librarian at the Rosenfeld Library of the Anderson School of Management at UCLA. His article is the third in a series of articles by former Associate Directors of PSRML.



Back in the Region!

After nearly 18 years of distinguished service to the National Library of Medicine (NLM) and its users, Lois Ann Colaianne, Associate Director for Library Operations, retired in December 1998. Ms. Colaianne, who received an MLS from UCLA, was the director for libraries at Cedars-Sinai Medical Center in Los Angeles prior to moving to NLM. She and her husband, Edmund Colaianne, have now returned to Southern California, where she "hopes to keep at least one toe in medical librarianship." Visit the NLM Web site at <http://www.nlm.nih.gov/news/lac.html> to read more about Ms. Colaianne's remarkable career.

Y2K at NLM

The National Library of Medicine is meeting the Year 2000 (Y2K) challenge. For a comprehensive listing of NLM publications on Y2K, visit this Web site: <http://www.nlm.nih.gov/y2k/>. Be ready to ring in the new!

AWARDS, AWARDS

Second PSRML Library Professional Development Award Made

Congratulations are in order for Lisa Marks, librarian at the Providence St. Joseph Medical Center Library in Burbank, CA, who received a PSRML Library Professional Development Award in March. Lisa will use the award to attend the 1999 Intranets '99 Conference and Expo in San Francisco in April. Her goal is to enhance her library's profile and service contribution within her institution's healthcare system by developing a regional intranet. The intranet will include a variety of library and information services and integrate external databases to improve information access to users at multiple sites.

If you have a plan for improving access to information or developing new library and information services for your healthcare institution, and need help expanding your knowledge and skills to put that plan into action, you should consider this award. PSRML has renewed funding for the next contract year (see article page 10 for more details) and encourages hospital librarians in the region to apply. A description of the award and the criteria and procedures for application are available on our Web site at: <http://www.nlm.nih.gov/psr/lat/v7n5/award.html>

NLM Awards in Region 7

We are pleased to announce that the following National Library of Medicine awards have been made in our region:

- An Information Access grant to Patricia A. Auflick at the University of Arizona, Tucson, AZ, for her project, Pinal County Arizona Information Infrastructure Development
- An Internet Connection Grant to Louise Bear at the Lassen Indian Health Clinic in Susanville, CA.

Check out the Web site at <http://www.nlm.nih.gov/ep/faq1.html> for information on these and other NLM grants available to health sciences libraries.

Internet Gets a MeSH Heading!

Internet

L01.700.568.080.110.500

A loose confederation of computer communication networks around the world. The networks that make up the Internet are connected through several backbone networks. The Internet grew out of the US Government ARPAnet project and was designed to facilitate information exchange.

Previous indexing:

Computer Communication Networks (96-98)

X World Wide Web

Source: NEW MEDICAL SUBJECT HEADINGS WITH SCOPE NOTES AND PREVIOUS INDEXING – 1999

(<http://www.nlm.nih.gov/mesh/newh99.html>)

BioSites Honored

PSRML is pleased to announce that BioSites, the virtual catalog of selected Internet resources in the biomedical sciences, has been honored by the Medical Library Association, through its ISI Frank Bradway Rogers Information Advancement Award. BioSites is a cooperative effort which began as a project of the Resource Libraries in the Pacific Southwest Region of the National Network of Libraries of Medicine. The project grew out of a desire to share responsibility for identifying and evaluating quality biomedical resources on the Internet, and make that information readily available to regional health sciences librarians. As a result, BioSites acts as a central clearing-house where contributors submit information about resources which other librarians, and anyone with Web access can refer to and use, knowing that the sites meet certain criteria. For more information about BioSites, see the article written by Brian Warling at: <http://www.nlm.nih.gov/psr/lat/v6n1/biosites.html>.

Members of the PSRML Working Group on Cooperative Internet Collection Development, who were responsible for initial development of the site, will accept the award at the MLA annual meeting in Chicago in May. The Working Group consisted of:

Mary Buttner, Stanford University, Lane Medical Library
 Beryl Glitz, PSRML
 Melissa Just, (at University of Southern California, Norris Medical Library during the time of BioSites development)
 Anne Prussing, University of California, San Diego, Biomedical Library
 Brian Warling, (at University of California, San Francisco, during the time of BioSites development)
 Greg Williamson, University of California, San Francisco, software engineer.

Since only a limited number of recipients can be named on the award, this group was chosen because of their extensive involvement in setting up the site, determining selection criteria, designing the interface, etc. However, we do want to acknowledge the other individuals who worked with the group to make sure that BioSites got off the ground. The following people were the initial contacts at the remaining Resource Libraries, and reviewed and reacted to the work of the group, so that the site would meet everyone's requirements:

Sharon Berglund, Hawaii Medical Library
 Jo Anne Boorkman, University of California, Davis, Carlson Health Sciences Library
 Frances Chen, University of Arizona, Arizona Health Sciences Library
 Joanna Tarpley Crofts, University of Guam, Robert F. Kennedy Memorial Library
 Lesley Hassett, Loma Linda University, Del E. Webb Memorial Library
 Barb Lucas, University of California, Irvine, Science Library
 Barbara Schader, University of California, Los Angeles, Louise M. Darling Biomedical Library
 Joan Zenan, University of Nevada, Reno, Savitt Medical Library

Since that time, there have been many people at the Resource Libraries, and now at some of our Primary Access Libraries, who have become BioSites contributors. Our thanks to all of you for your continued efforts to keep this a useful resource.

If you are a health sciences librarian in our region and would like to be a contributor for a particular subject area, please contact our office. Complete information about selector responsibilities and selection criteria for adding to BioSites can be found at the site:

<http://galen.library.ucsf.edu/biosites/>

Newcomer Attends Her First NCNMLG/MLGSCA Conference

by Dorie Kalinich

Editor's Note: Dorie is the recipient of the first PSRML Library Professional Development Award which supports library staff in our region to develop their knowledge and skills in order to provide new and improved library services to their patrons. Dorie's article highlights some of the services she plans to develop in Las Vegas.

I'm Dorie Kalinich, and I am new to the West and to the NCNMLG. I moved to Las Vegas, Nevada, in June 1998, and work as a solo hospital librarian for University Medical Center (UMC), the county teaching hospital. My major goal in attending the 1999 Joint Meeting of the NCNMLG and the MLGSCA was to gather information on electronic journals at the E-Resources symposium. The development of an electronic journal collection is important to our Library patrons since our primary and urgent care clinics will be expanding beyond the Las Vegas area within the next three years. The personnel at these clinics will depend upon Web-based resources as their primary mechanism for gathering and using medical information.

The Conference

Given this goal, a highlight of the conference was the Garden Room concurrent presentations, whose theme coincided with the E-Resources symposium the next day. This included management of, providing access to, and usage of electronic journals, and information on MEDLINEplus and the UMLS Metathesaurus. Issues such as continuous user training, user satisfaction, and negotiations with information providers were addressed from a variety of library backgrounds. I was also interested in the idea of NLM's "link-out" feature from PubMed to an individual library's online subscription, and look forward to the implementation of it. Overall, the presentation session was a practical introduction to electronic resources, and prepared me for the issues raised at the next day's meeting.

The E-Resources Symposium was saturated with information and I liked the combination of practical tips as well as the broader issue presentations on electronic journal management, access, and publisher or aggregator contracts. I was challenged by the presentation on what doctors wanted, which mirrored what we all want in our libraries from electronic resources: friendly user interfaces, full-text articles, fast turnaround times, and free unlimited resources. The panel discussion, primarily devoted to questions regarding publisher negotiations, was also enlightening.

The Projects

There are several projects I hope to accomplish this year which will benefit from the information I gathered at the NCNMLG / MLGSCA meeting. The UMC Library plans to offer the following: a Web-based journal collection that provides medical, allied health, mental health, and nursing literature to the UMC clinics and hospital; electronic request forms for ILLs, literature searches, and other library services; an online Internet tutorial specific to medical research; links to local and regional health information resources; an online catalog; and electronic delivery of scanned articles to the email of UMC patrons. All of these items would be integrated into a library Web page for easy access to electronic library offerings and services. I am in the beginning stage of these multifaceted projects, and was interested in attending the meeting to hear what others have done in this area.

The starting point for these projects is the development of a library Web page, which will serve as a host for the electronic services the library will provide. The Web page will be developed this spring, and I anticipate implementation by July 1999. On the initial page the user can initiate electronic request forms for literature searches, interlibrary loans, and Loansome Doc; get information such as library hours, phone numbers and other contact information; link to Nevada biomedical libraries, to an online tutorial for searching the Internet for biomedical information, and to MEDLINE. If the UMC Library receives funding for an online catalog system, the link to searching it through the Library Web site would be completed in the fall of 1999.

The next step will be to acquire a scanning system in order to provide electronic delivery of scanned articles to patrons through the UMC email system. This will assist in moving towards a "virtual" library environment which will serve the many UMC clinics in the Las Vegas and outer areas. An adequate email system is in place in the

hospital, and the MIS department is working towards having email and Internet access in all clinical areas within the next three years. The primary barrier to this step includes the additional personnel needed to support such a service. If additional personnel are allocated for the next fiscal year, this service could begin as early as summer 1999.

The final step will be to offer full-text, Web-based journals from a link off the library Web page. User limits may need to be enforced through a combination of passwords and Internet addresses, as many UMC employees will probably continue to do research at home using personal Internet providers for access. Issues that will have to be satisfactorily addressed within vendor or publisher contracts before purchasing electronic journal access include: assurance of archiving functions by the vendor or publisher, a positive cost/benefit ratio for eliminating print journals and replacing them with electronic journals, and well-integrated interlibrary loan policies that will allow the UMC Library to continue current ILL practices and consortial arrangements. These issues, as evidenced by the presentations at the E-Resources symposium, do not have satisfactory answers at this time. Many larger medical libraries are leading the way in addressing quality contract negotiation, and provide role models for smaller libraries. The need by UMC employees for electronic access to quality journal literature will only continue to grow, and the current timeline for a significant electronic journal collection is within the next three years. However, within the next year there will be links from

our library Web site to journals for which we have electronic access as part of our print subscription. This may prove sufficient as a Web-based journal collection.

Conclusion

I am very grateful to the PSRML for the Library Professional Development Award that allowed me to attend this conference. The quality presentations, coupled with the frequent networking opportunities, encouraged me to go forward with my projects at the UMC Medical Library. Thanks to all who made this such a great conference, and who gave me such a warm introduction to the West!

Funding for AIDS Outreach Projects

Editor's note: NLM will again be funding AIDS Outreach Purchase Orders for projects focused on the affected community and the general public.

It is the intent of the National Library of Medicine to procure services to design and conduct projects that will improve access to HIV/AIDS-related information by patients, the affected community, their care givers, and the general public. Request for Quotations (RFQ) Number NLM 99-055/SLF was issued on April 9, 1999. Copies of the RFQ may be obtained by writing to the National Library of Medicine, Office Of Acquisitions Management, 8600 Rockville Pike, Building 38A, Room B1N17, Bethesda, MD 20894, Attention: Sheila L. Fauble, Procurement Technician. Copies of the RFQ may also be obtained by emailing the request to Ms. Fauble at: Sheila_Fauble@nlm.nih.gov. Fax requests will NOT be accepted. RFQ 99-055/SLF is also available in electronic format. The RFQ may be downloaded from the National Library of Medicine (NLM) Home Page on the World Wide Web (WWW). The home page URL is: <http://www.nlm.nih.gov/oam/oam.html> (see NLM Small Purchases - Simplified Acquisitions). The deadline for quotations is June 1, 1999, on or before close of business. The period of performance is from September 30, 1999 to March 31, 2001. All responsible and responsive sources may submit a proposal which will be considered by the National Library of Medicine.

Plug-Ins Internet Primer: Adobe Acrobat and Streaming Media

by Judy Consales

Plug-ins are software programs that extend the capabilities of your Internet browser by providing the ability to view Web publishing formats, play audio samples, or watch videos or animations. Sound and movement help to make information come alive. To experience multimedia, you first need to have a computer with a sound and video card.

Most of the files available on the World Wide Web are in hypertext mark-up language (html) format. Occasionally, Web users come across files in different formats, such as text (.txt), real audio (.ra), or portable document format (.pdf). To determine the type of file, look at the extension following the file name (e.g., medicine.pdf, heartsounds.ra, schedule.txt, or query.html). PDF is a Web publishing format that enables a variety of computer platforms to read documents containing text, graphics, images, and color. PDF allows files to retain their exact design, layout, and other attributes across different platforms and software programs. PSRML provides PDF copies of *Latitudes*, looking exactly like the paper version on our Web site (<http://www.nlm.nih.gov/psr/lat/>).

Web browsers, such as

Netscape or Internet Explorer, automatically interpret and display .html files. Most browsers can also read and display .txt files. However, if you want to access and use .pdf or .ra files, special add-on software tools, i.e., plug-ins, must first be obtained and installed. The Adobe Acrobat Reader will display .pdf files and the RealPlayer software broadcasts audio and video files. These are examples of commonly used plug-ins. Technically, a plug-in is a helper application. To complicate the issue further, depending on the version of your browser, different applications may be automatically supported and you could be saved the trouble of downloading these helper applications. Both of the latest versions of Internet Explorer and Netscape support dynamic HTML which lets Web developers create multimedia Web pages without resorting to plug-ins.

To download the free software Adobe Acrobat Reader from the Adobe company's home page (<http://www.adobe.com>), go to the site, click on the button *Get Acrobat Reader*, provide the requested information, and download the Acrobat Reader software to your local hard drive. Install the Reader

following the instructions, and configure the browser to work with the software. Fortunately, Adobe provides assistance in this process through its Web site.

Real audio files are increasing in popularity for those with sound-enabled and video-enabled computers. The .ra format allows for instantaneous "streaming" of audio files. While downloading and broadcasting .ra files, Web users can visit another site, check e-mail, or print a document. RealPlayer provides live and on-demand, real-time, audio and video streaming content on the Web.

To obtain the real audio and video enabling software, go to <http://www.real.com/>, "home of streaming media". This site contains several versions of the software, including the new free RealPlayer G2 tool that allows for both audio and video streaming. Although enhanced versions of RealPlayer are for sale at the Web site, the free version is a perfectly adequate tool. To download the software: go to the Web page, click the *Free Real Player G2 Download Now* button, (remember that this is a site marketing and selling a product so you'll have to wade through extraneous material), provide the requested information, and save

the software to the hard drive. Configure your browser to work with the RealPlayer software. Again, as with Adobe, the RealPlayer Web site provides extensive help by clicking on the Support button.

The purpose of this article is to get you started if you're hesitant about loading plug-ins or not quite sure what they're all about. Remember to check with your information systems department, if you are working in a networked environment, before loading software that might interfere with network operations. An excellent place to go for a comprehensive list of plug-in software is the CNET download.com Web site (go to <http://www.download.com/>—click on Internet and then click on Plug-Ins); not only are there links to downloads but also to technical information.

Just a reminder...

June 15th is the deadline to update your library's holdings in SERHOLD.

Please contact us at 1 (800) 338-7657 with any questions and/or comments regarding SERHOLD updating.

Have fun!

Satellite Teleconference on Digital Millennium Copyright Act

COPYRIGHT IN THE NEW MILLENNIUM: THE IMPACT OF RECENT CHANGES TO U.S. COPYRIGHT LAW

Friday, May 21, 1999
12:00 - 3:00 p.m. EDT

A Teleconference co-sponsored by:

American Association of Law Libraries
American Library Association
Association of Research Libraries
Medical Library Association
Special Libraries Association

Hosted by:
George Washington University Library

Endorsed by:
Coalition for Networked Information
EDUCAUSE

With a distinguished panel of experts, the teleconference, Copyright in the New Millennium, will describe the new laws; discuss the implications for libraries, archives, and educational institutions as they attempt to comply with the new laws; and discuss strategies for the community as it engages in the ongoing studies required by the law and confronts pending database legislation. For more information, visit this page on the ARL Web site: <http://www.arl.org/dmca/video.html>. Viewing site/participant cost information will be posted on this page as soon as it is available.

Contract Year 4 Begins

by Beryl Glitz

May 1 is the beginning of our fourth year of the present contract (1996-2001) to serve as the Regional Medical Library (RML). Each year we review our program objectives and develop a new annual budget to support our programs and services. Our year 4 objectives are now available on the PSRML Web site at: <http://www.nlm.nih.gov/psr/>. Check them out to see all the things we hope to accomplish in the next twelve months!

While many of our programs continue, with little change, from year to year, we are always revising and adjusting our activities to meet regional needs and changing priorities at the National Library of Medicine (NLM). This year brings an important and very welcome change in that NLM is now committed to support consumer health information services through the National Network of Libraries of Medicine. As a result, a new position is being added to each of the eight RMLs to coordinate consumer health information services. The program is still being defined by NLM and the RMLs but we anticipate that we will be working closely with public libraries to help them fully utilize NLM's resources, particularly those aimed at healthcare consumers (e.g. the MEDLINEplus Web site). Since many of you have been working in this area for a long time, we will be looking to you for advice and support, as we develop our new program and priorities in consumer health information services.

Among the other highlights of year 4, we want to draw your attention to:

- Continuation of our PSRML professional development award which has increased to a total of \$6,000 for awards up to \$1,000 each.
- The follow-up five-year evaluation survey of the region's hospital libraries will be conducted to ascertain the status of their programs and services, including the level of access to electronic resources;
- Sponsorship of an appropriate program at the year 2000 Joint chapter meeting which will improve the understanding and use of NLM and NN/LM products and services, including those concerned with consumer health information;
- Purchase of a set of MLA annual meeting tapes and other appropriate videotapes and materials for circulation to regional librarians, to enhance their skills and knowledge;
- Sponsorship/taping of appropriate satellite broadcasts from library and other organizations to keep regional librarians informed of changes to the information environment
- Continuation on our Internet Connectivity Support Program (ICSP) to assist regional healthcare institutions in obtaining Internet connections, and to provide training, consultation and funding;
- Availability of funding for up to three outreach subcontracts to facilitate access to information to healthcare institutions and groups with no professional library services - awards are for a total of \$5,000 for an eighteen month period.

If you would like more information about any of these initiatives, or have questions about our year 4 objectives, please contact us at the PSRML office by phone or email. We look forward to another active year, working with you to improve access to health information within our region.

LOCATOR*plus* Tutorial

Now Available!

by Pamela A. Meredith, Reference Section
National Library of Medicine

NLM LOCATOR*plus* was launched on **Monday April 12, 1999**. LOCATOR*plus* replaces CATLINE, SERLINE, AVLINE, and telnet access to Locator. It is available from the NLM Home page at <http://www.nlm.nih.gov>.

In answer to the many NLM customer requests, this tutorial, prepared by NLM ILS training staff, presents a "sneak preview" of this new resource. Features of the new catalog and the parts of the records including holdings, details, and MARC displays will be explained. Take some time to look at this and become familiar with some of the searching and display features of LOCATOR*plus*:

- The Quick-Start tutorial (<http://www.nlm.nih.gov/locatorplus/tutorials/quickstart/sld001.htm>) contents includes: search screens, searching hints, display options, electronic links and how to print, download or e-mail records.
- An Advanced features tutorial will be coming soon.

Some wonderful new features will be available via LOCATOR*plus*. Anyone using the catalog from the web will be able to view current receipts of both serial and monograph material (effective with 1999 receipts). Books, audiovisuals and journals can be searched together or separately. Searches can be limited to items in the history of medicine collection or reference collections. Hotlinks to online journals will be available from many catalog records. Advanced searching features will allow searching on such field specific areas as indexing status or conference name. Direct access to a variety of other resources will be available through LOCATOR*plus* including NLM databases, MEDLINE*plus*, Images from the History of Medicine, TOXNET, HSTAT, and other U.S. medical library catalogs. We are excited to be able to provide, in one integrated product, so much information directly to our customers.

LOCATOR*plus* includes:

- Monographs on-order and in-process
- Links to internet resources
- Serial titles held by regional libraries
- CIP records for titles NLM may never acquire
- Staff library holdings available only to NLM staff

In addition to this tutorial, Reference and Customer service staff have prepared a number of FAQs regarding LOCATOR*plus* that are available at <http://www.nlm.nih.gov/services/faq.html>.

Questions, comments and suggestions regarding this launch can be sent to: custserv@nlm.nih.gov.

WHINN – Web-Based HIV Information for Northern Nevada

by Claire Hamasu

The HIV/AIDS population in the Reno/Carson Nevada area will win with a new program out of Savitt Medical Library, University of Nevada, Reno under a subcontract with PSRML. Targeting the caregivers in this region, Terry Henner, Head of Information & Education Services, will lead a team of Savitt Medical Library and Washoe Medical Center Library staff. They will promote the use of World Wide Web resources to better enable AIDS caregivers to locate the most current, relevant information in support of their patient care.

WHINN targets the two service agencies of Reno, the Northern Nevada HIV Outpatient Program Education and Services (NN HOPES) and the HIV/AIDS Service Providers of Northern Nevada (SPNN). Staff from the organizations will be trained to use AIDS resources on the Web including PubMed, AIDSLINE, AIDSTrials, and AIDSDrugs; and will be linked to document delivery service through Loansome Doc. Together, staff from the agencies and Savitt Medical Library will create a Website to give participants centralized access to evaluated HIV/AIDS resources. Patricia Charles, Associate Director of the Nevada Area AIDS Education & Training Center wrote in support of the project, "HIV/AIDS care is changing so rapidly that health professionals will benefit through the efficiency of Internet access. Sometimes the only barrier to not using these resources is the fact that someone has not been trained. I believe that... we can bring health professionals into a new world of possibilities for receiving HIV/AIDS information."

PSRML will again be offering outreach subcontracts for projects such as WHINN that will improve information access to unaffiliated health professionals and consumers. An announcement will be broadcast through the RML Listserv.



http://www.nlm.nih.gov/pubs/techbull/jf99/jf99_class.html

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(The articles that are bolded are reprinted in this issue of Latitudes. If you want a copy of an article that is not printed, please contact PSRML)

Technical Notes

- AIDSLINE Satellite Teleconference
- *List of Serials Indexed for Online Users (LSIOU), 1999* Order Information
- *Cumulated Index Medicus, 1998* Order Information
- Updated PubMed and Internet Grateful Med Training Manuals Available
- Correction to the September-October 1998 *NLM Technical Bulletin* titled AVLINE® and CATLINE® Data To Be Removed from Other NLM Databases
- Frequently Asked Questions (FAQs) Available from NLM Home Page
- 1999 MLA Meeting Reminder and NLM Invitation
- *Index Medicus 1999* Subscriptions and *List of Journals Indexed In Index Medicus 1999* Available for Order

NLM Classification, 5th Edition Additions and Changes List 4

PubMed: Searching Using Subsets

OLDMEDLINE Database Moves Back in Time

Hands On: PubMed Update

MEDLINEplus

OLDMEDLINE Database Moves Back in Time

Note: Adapted from an article prepared by Susan Von Braunsberg and Toby Port MEDLARS Management Section

OLDMEDLINE was first made available in December 1996. The file now contains 771,287 citations and covers the years 1960-1965. OLDMEDLINE is available free to searchers on the Web via Internet Grateful Med (<http://igm.nlm.nih.gov>) as well as to ELHILL command language searchers at regular billed rates. To access OLDMEDLINE via ELHILL, enter the command: FILE OLDMEDLINE, or FILE OLDMED, at any USER: prompt. The focus of this article, however, is on using Internet Grateful Med (IGM) to search OLDMEDLINE at no cost.

Introduction -- OLDMEDLINE records have been entered into the database using standards that are different from the data entry standards for current MEDLINE records. There are also variations among OLDMEDLINE citations in the data elements (fields) present in the citation as well as in their format, depending on the original source from which the citation was obtained. These variations in the data elements have consequences for document delivery which are discussed below. The differences in the data present in OLDMEDLINE citations are described in the paragraphs that follow, and two sample OLDMEDLINE records are shown in Figure 2 and Figure 3.

Document Delivery -- Loansome Doc, a document ordering feature of PubMed and Internet Grateful Med, is unable to accept document orders from OLDMEDLINE. This is because the majority of citations in OLDMEDLINE do not have the Journal Title Code (JC) which is necessary to process an interlibrary loan electronically through the Loansome Doc automated request routing system.

Note to participating DOCLINE libraries: OLDMEDLINE citations for the years 1964-1965 will route on the SERLINE routing table. Citations for the years 1960-1963 will route on the monograph routing table.

Data Quality -- The 1964 and 1965 CIM data were converted from data tapes provided by the Deutsches Institut für Medizinische Dokumentation und Information (DIMDI), the International MEDLARS Center in Germany, with minimal data cleanup and validation. NLM was able to provide limited data validation for this data based on the Journal Title Codes (JC) that are present in the citation data. These JCs were matched to SERLINE records to provide current Title Abbreviation (TA), ISSN (IS), and Country (CY) data in the old OLDMEDLINE citations. However, the 1960 through 1963 citations keyed from the printed indexes do not include JC information, and, therefore, were not matched against current SERLINE information for TA, IS, or CY data.

Citations in OLDMEDLINE lack the individual and accumulated changes and improvements that have been made to data in other ELHILL files during annual file maintenance. Certain fields may contain outdated or erroneous data. For example, the multiple parts of a compound surname in the AUTHOR field may appear as one name, e.g., AU - ESCALONAZAPATA J
Actual name in article: J. Escalona Zapata

All alphabetic characters in citations from the 1964 and 1965 CIM appear in upper case in all fields. For citations from the 1960 through 1963 CIM, only the authors are shown all in upper case. The other information is displayed using both upper and lower case characters. More information about the formats for the Title (TI) and the Keyword (KW) fields is given below.

Date of Publication -- The Date of Publication information has been machine-manipulated to follow the current MEDLINE format of 4-digit year, abbreviated month, and, if provided, day. This information is displayed in IGM as part of the Source.

Transliterated/Vernacular Title (TT) -- Non-English language titles appear only on citations from the 1964 and 1965 CIM. These vernacular title words are not included in a Text Word search.

Year (YR) -- The year is directly searchable in Internet Grateful Med from the Apply Limits section at the bottom of the Search Screen. Please note that each volume of CIM contains some citations from the previous one to two calendar years.

Abstracts -- The citations in OLDMEDLINE do not have abstracts.

Subject Retrieval: Keywords (KW) and Text Words (TW)

The original Medical Subject Headings (MeSH) assigned to the citations have not been updated, and may not match current MeSH vocabulary. There are no subheadings in citations published in the 1963 through 1965 CIM. Citations from the 1960 through 1962 CIM do contain MeSH Heading/subheading combinations. MeSH Heading/subheading combinations are displayed in the 1960-1962 citations, but the subheadings are NOT searchable in this database. If you enter the word or words of a subheading on a subject line (e.g., etiology or adverse effects), the computer will retrieve the words as Text Words from the Title field only. Keywords are always displayed in upper case; subheadings, when present, are displayed in lower case.

To distinguish these older MeSH Headings from current MeSH in other ELHILL files, all MeSH terms have been placed in the Keyword (KW) field. There are no data in the MeSH Heading (MH) field. As a result, the MeSH terms in OLDMEDLINE do not relate to current MeSH Tree numbers, and the NLM ELHILL “explode” and “pre-explode” capabilities are not functional for this file. The NLM plans to map old MeSH Headings and MeSH Headings/subheading combinations now in the Keyword (KW) field to current MeSH in the future.

When you search by subject, IGM automatically looks for your single-word term or multi-word term in both the Keyword field and as single words in the Text Word field. A multiple word MeSH term is searched by ANDING together the individual words as Text Words, as well as looking for the term/phrase in the Keyword field. For example, if you enter the term “diabetes mellitus” on the IGM subject line and run your search and then click on the Details of Search button, you will see the terms that are actually searched as displayed in Figure 1.

Figure 1 - Details of Search Display for Diabetes Mellitus

OLDMEDLINE		
Citations Found	Query As Sent	Explanation
5560	diabetes mellitus (kw) diabetes (tw) and mellitus (tw)	(diabetes mellitus)
5560	Combination of the above	

(OLDMEDLINE continued on page 14)

(OLDMEDLINE continued from page 13)

Two sample citations from the search on diabetes mellitus are shown in Figures 2 and 3. These citations were chosen to illustrate the differences that will display in the records in this file. Both citations shown are not in English, but only the citation in Figure 2 (1965) shows a vernacular title because only citations from 1964 and 1965 have the Transliterated/Vernacular (TT) field. Only the citation in Figure 3 (1962) displays subheadings because only citations from 1960-1962 contained subheadings in the record.

Figure 2 - 1965 OLDMEDLINE Citation

TITLE:	[BACTERIURIA IN PATIENTS WITH DIABETES MELLITUS]
AUTHORS:	VEJLSGAARD R
VERNACULAR TITLE:	BAKTERIURI HOS PATIENTER MED DIABETES MELLITUS.
SOURCE:	UGESKR LAEGER 1965 AUG
NLM CIT. ID:	65153385

Figure 3 - 1962 OLDMEDLINE Citation

TITLE:	[The vascular effects of insulin]
AUTHORS:	MAYALL RC; BRUM FA; AFIUNE M; KAWADA T
SOURCE:	Arq Brasil Med 1960 Nov-Dec;50:463-8
NLM CIT. ID:	62073144
LANGUAGES:	Por
KEYWORDS:	DIABETES MELLITUS/complications VASCULAR DISEASES, PERIPHERAL/etiology

Only the MeSH Heading (MH) portion of the MH/sh combination is searchable in the Keyword field. If you enter “diabetes mellitus etiology” on an IGM subject line, the IGM search engine will look for all three words together as a single Keyword and for each of them individually as Text Words ANDed together. Because the complete MeSH heading/subheading combination is NOT present in the Keyword field (only the MH has been put into the searchable Keyword field) your search will retrieve only on diabetes (TW) AND mellitus (TW) AND etiology (TW).

Remember, a Text Word search in OLDMEDLINE retrieves words from only the Title and Keyword fields (there are no abstracts in this database). So a search on “diabetes mellitus etiology” will retrieve 23 citations but it will NOT retrieve the citation shown in Figure 2 because this citation contains the word etiology only in the subheading field, not in the Title or Keyword field. For this reason, and because subheadings are not on all citations, searching specifically for subheadings is not recommended in OLDMEDLINE. You may search on words that appear in subheadings in your search, just be aware that your retrieval will be based on these words appearing in the Title or MeSH Heading portion of the MH/sh displayed in the Keyword field.

Figure 4 - Citation NOT Retrieved with Search on: diabetes mellitus etiology

TITLE:	[Disorders of glycoregulation during chronic pancreatitis and lithiasis of the pancreas]
AUTHORS:	VACHON A; CUFFIA C; SHAABAN M
SOURCE:	Rev Int Hepat 1961;11:311-21
NLM CIT. ID:	62115722
LANGUAGES:	Fre
KEYWORDS:	CARBOHYDRATES/metabolism CHOLELITHIASIS/complications DIABETES MELLITUS/etiology PANCREATITIS/complications

Additional Search Tips --Please note that although the display of various fields may be all upper or lower case or some combination of the two, searching is not affected by the case you use when entering your search terms.

When searching, keep in mind the absence of abstracts in OLDMEDLINE, and the fact that fewer MeSH Headings were assigned per article (approximately 6 per citation). Both of these conditions affect subject retrieval.

None of the terms assigned to OLDMEDLINE citations are flagged as the major topic of the article. If you try to restrict your search to major topic, you'll get no retrieval. However, because fewer MeSH Headings were assigned, they are each more likely to indicate a major concept in the article.

Online MeSH Browser Announced

Note: Adapted from an article prepared by Stuart Nelson, Head, Medical Subject Headings which is from the *NLM Technical Bulletin* March/April 1999

A new vocabulary look-up aid is now available for use with MeSH (Medical Subject Headings). It is designed to help quickly locate descriptors of possible interest and to show the hierarchy in which descriptors of interest appear. Virtually complete MeSH records are available, including the scope notes, annotations, entry vocabulary, history notes, allowable qualifiers, etc. The browser does not link directly to any MEDLINE or other database retrieval system and thus is not a substitute for the Internet Grateful MED or PUBMED systems. The link for the MeSH Browser is on the MeSH Homepage <http://www.nlm.nih.gov/mesh/>

The Browser was created to provide an easy look-up for those primarily interested in the MeSH vocabulary itself. In the past, questions had come from the information community asking for a way to scan or browse MeSH. There was voiced a need for access to MeSH as a controlled vocabulary, or as an endpoint and not as a preliminary look-up before MEDLINE searching.

The MeSH Browser points to the newest version of MeSH. It will also find new Supplementary Concepts as these are added and updated quarterly. The initial screen of the MeSH Browser displays the date of the latest update so the currency of the vocabulary data being browsed is always known.

The MeSH Browser may be used to find descriptors, qualifiers, or Supplementary Concepts of interest and see these in relationship to other concepts. The browser is part of the MeSH WebPages. It finds descriptors of interest without assuming knowledge of the often-complex vocabulary structure and rules. For example, if you enter male neoplasms as a search, the Browser will display a list of related descriptors including

Breast Neoplasms, Male (a MeSH descriptor)
Genital Neoplasms, Male (a MeSH descriptor)
Male Breast Neoplasms (an entry term to MeSH)
Male Genital Neoplasms (an entry term to MeSH)
Etc.

The look-up can be restricted or limited with any of the following: Main Headings, Qualifiers, Supplementary Concepts, or All of the Above.

Searching for names of chemicals and other Supplementary Concepts (non-descriptors and non-qualifiers) can be limited to any of the following fields:

- Heading Mapped To (HM) (Supplementary List)
- Indexing Information (II) (Supplementary List)
- Pharmacological Action (PA)
- CAS Registry/EC Number (RN)
- Related CAS Registry Number (RR)

When a single descriptor has been selected, the complete record can then be displayed. Fields or elements within the descriptor are linked directly to additional sources such as related Indexing Manual sections, definitions and other similar information.

The MeSH hierarchy or Tree Structure can also be displayed online as in this example and each descriptor is a direct link to the complete MeSH record for that term. For example, the following shows the hierarchy for Breast Neoplasms, Male:

Neoplasms by Site [C04.588]
Abdominal Neoplasms [C04.588.033]
Anal Gland Neoplasms [C04.588.083]
Bone Neoplasms [C04.588.149]
Breast Neoplasms [C04.588.180]
 Breast Neoplasms, Male [C04.588.180.260]
Etc.

Your comments regarding the MeSH Browser are welcome, as are your suggestions for other ways to enhance the usefulness of the MeSH vocabulary.

Contact Stuart Nelson, M.D., Head, Medical Subject Headings, (301) 496-1495 (voice), (301) 402-2002 (fax)

Comments may also be sent to meshsugg@nlm.nih.gov

UPCOMING EVENTS

May 1999

14-20 "Present Tense: Future Perfect" - Medical Library Association, Chicago, IL

21 "Copyright in the New Millennium..." (please see page 9)

24-26 "Evaluating and Using Networked Information Resources and Services" - American Society for Information Science
Pasadena, CA

June 1999

25-30 "Celebrating the Freedom to Read! Learn! Connect!" - American Library Association
New Orleans, LA

July 1999

15 **SERHOLD UPDATING DEADLINE**

15, 16 "Making the Transition" - National Online Training Center, San Diego, CA

Staff Moves!

Judy Consales, Information Technology Coordinator, has accepted an appointment as Deputy Director of the Louise M. Darling Biomedical Library at UCLA. She will start her new position on May 3, 1999. As many of you know, Judy has worked for PSRML/Biomed a total of nine years: from 1979-81 as Consulting & Training Librarian; as Online Training and Services Coordinator from 1990-96; and currently as Information Technology Coordinator. We will miss the expertise and enthusiasm Judy has brought to her position at PSRML, but look forward to continuing to work with her in her new role!

We are very glad to announce an official change in status for **Michael Miller**, who has served as office manager for the last three years. His position has been reclassified as Computer Resource Specialist and he now provides support for all our computer hardware and software, as well as managing our listservs and Web site. In fact, we all depend on him, literally, to be able to do our jobs!

Karen Ricard is the newest addition to the PSRML team, joining us on April 1st as the Administrative Assistant and office manager for PSRML. Karen previously worked in the University Extension offices here at UCLA and is interested in eventually pursuing a career in librarianship. Since she serves as the receptionist for our office, you'll all soon get to know the sound of her voice. Please join us in welcoming Karen to the Network.

We are also very pleased to announce that **Heidi Sandstrom**, who has served as Network Coordinator for the last two years, will be taking over the newly created position of Consumer Health Information Services Coordinator in the upcoming contract year. Heidi will assume her new duties as of July 1st. Her background in nursing and her expanding involvement with public libraries through the Library of California initiative will prove significant as she coordinates this new area of service within PSRML.

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